

In the Claims

Please cancel claims 1-62 previously allowed in a separate application. Please substitute the following amended claims for the pending claims having the same number:

Claim 63. (Newly Added) A pressurized container comprising:

a hollow vessel defining a chamber therein;
a pressurized gas within the chamber;
a unitary aluminum member comprising an aluminum housing and an aluminum closure member integrally formed as a unitary piece, the unitary aluminum member connected to the hollow vessel, the aluminum housing defining an outlet separated from the pressurized gas within the chamber by the aluminum closure; and
an initiator connected to the housing;
wherein activation of the initiator breaks the closure member, thereby fluidly connecting the chamber and the outlet such that the pressurized gas within the chamber escapes through the outlet.

Claim 64. (Newly Added) The pressurized container of claim 63, further including a projectile seated within the housing and abutting the aluminum closure, wherein activation of the initiator propels the projectile through the aluminum closure and out of the housing, thereby fluidly connecting the chamber and the outlet.

Claim 65. (Newly Added) The pressurized container of claim 63, wherein the aluminum housing and aluminum closure each comprise 7075-T6 aluminum.

Claim 66. (Newly Added) The pressurized container of claim 63, wherein the aluminum housing and aluminum closure each comprise aluminum formed by an impact process.

Claim 67. (Newly Added) The pressurized container of claim 66, wherein the process is a cold impact process

Claim 68. (Newly Added) The pressurized container of claim 63, wherein the aluminum housing and aluminum closure each comprise aluminum formed by forging.

Claim 69. (Newly Added) The pressurized container of claim 63, wherein the initiator comprises a support portion abutting the aluminum closure.

Claim 70. (Newly Added) The pressurized container of claim 63, wherein the initiator is a cold gas initiator.

Claim 71. (Newly Added) A method of forming a pressurized container, the method comprising:

forming a hollow vessel defining a chamber therein;
integrally forming as a unitary piece an aluminum member comprising an aluminum housing and an aluminum closure;
connecting an initiator to the aluminum housing;
sealing together the hollow vessel and the aluminum member against pressurized gas leakage, the aluminum housing defining an outlet separated from the pressurized gas within the chamber by the aluminum closure; and
filling the chamber with a pressurized gas;
wherein activation of the initiator breaks the aluminum closure, thereby fluidly connecting the chamber and the outlet such that the pressurized gas within the chamber escapes through the outlet.

Claim 72. (Newly Added) The method of claim 71, wherein the aluminum housing and aluminum closure each comprise 7075-T6 aluminum.

Claim 73. (Newly Added) The method of claim 71, wherein integrally forming the aluminum member comprises integrally forming the aluminum member by an impact process.

Claim 74. (Newly Added) The method of claim 73, wherein the process is a cold impact process

Claim 75. (Newly Added) The method of claim 71, wherein the aluminum member comprises forged aluminum.

Claim 76. (Newly Added) The method of claim 71, further comprising supporting the aluminum closure when the chamber is filled with the pressurized gas.

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Claim ~~76~~. (Newly Added) The method of claim 71, wherein the initiator is a cold gas initiator.

Rule 1.26
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Claim ~~76~~. (Newly Added) A pressurized container comprising:
a hollow vessel defining a chamber therein;
a housing connected to the vessel, the housing defining an outlet;
an aluminum closure member integral with the housing and fluidly separating the outlet from the chamber of the vessel;
a moveable member seated within and forming a seal with the housing and abutting the aluminum closure member; and
a cold gas initiator connected to the housing;
wherein activation of the initiator ignites a charge housed within a body, thereby producing expanding gases that burst the body and propel the moveable member to burst the aluminum closure member, thereby fluidly connecting the chamber and the outlet.

Rule 1.26
Claim ⁷⁹~~80~~. (Newly Added) The pressurized container of claim ⁷⁸~~79~~, wherein the moveable member is a projectile, and wherein the moveable member breaks through the closure member before breaking the seal with the housing.

Claim ⁸⁰~~81~~. (Newly Added) The pressurized container of claim ⁷⁸~~79~~, wherein a portion of the housing and the aluminum closure member are a single unitary member.

Claim ⁸¹~~82~~. (Newly Added) The pressurized container of claim ⁷⁸~~79~~, wherein the aluminum closure member and the housing are formed by an impact process.